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July 25, 2022

Mr. Cru Stublely
Secretary to the Commission
Public Service Commission of Wisconsin
Post Office Box 7854
Madison, WI 53707-7854

**Re: Northern States Power Company, a Wisconsin Corporation
Request for Approval of an Resiliency Services Pilot**

Docket No. 4220-TE-106

Dear Mr. Stublely:

Northern States Power Company, a Wisconsin corporation and wholly owned subsidiary of Xcel Energy ("the Company" or "NSPW"), makes this annual report compliance filing for the Company's Resiliency Services Pilot approved by the Commission in Docket 4220-TE-106 (PSC REF# 416900).

The Commission's July 26, 2021 order required annual reporting for the Company's Resiliency Services Pilot (RS-1) including the following information:

- a. Number of customers participating in the resiliency service pilot along with each customer's contribution in aid of construction (CIAC) and any received construction allowances;
- b. List of resiliency service projects in development along with the estimated costs associated with those assets. A comparison of actual versus estimated capital and O&M costs shall be provided in the applicant's future electric rate cases.

There are currently no customers with in-service resiliency assets participating on RS-1 as of July 25, 2022. Therefore, there are no CIAC or construction allowance data to report at this time. A table listing the resiliency services projects currently under development, along with their estimated capital costs, is attached to this letter as Attachment 1. A comparison of estimated versus actual costs for any resiliency projects brought into service will be included in the Company's next electric rate case application.

Questions about this filing may be directed to Tyrel Zich at 715-737-2476 or Tyrel.J.Zich@xcelenergy.com.

Respectfully submitted,

Tyrel J. Zich
Manager Pricing and Planning

Attachment 1
2022 Annual Compliance Report
Resiliency Service Pilot Program
Docket 4220-TE-106

Project	Overview / Technology	Estimated CAPEX	Status
Local Government	Microgrid: 2 buildings/ solar PV, battery, diesel gensets	\$150,000 (100% CIAC)	Under Construction
Water/Wastewater Treatment	Microgrid: WWTP and other City facilities/ battery	\$2,300,000	Scoping Study Presented
Healthcare/Hospital	Microgrid: 4 buildings, extensive XE reconfiguration work/ solar PV, battery	\$4,500,000 (CIAC TBD)	Scoping Study Presented
Water/Wastewater Treatment	Microgrid: WTP facility/ diesel genset, solar PV, battery	\$6,800,000 (CIAC TBD)	Scoping Study Presented
Higher Education	Microgrid: central backup generation plant/ NG gensets	\$6,000,000 (CIAC TBD)	Scoping Study Presented
Airport	Basic Microgrid: Solar+Storage	\$1,900,000 (CIAC TBD)	Scoping Study presented
Brewery	Backup Generator (complex)	TBD	Pending payment, kickoff
Manufacturing Facility	Complex Microgrid (two buildings)	TBD	Pending payment, kickoff
Food Processing	Backup Generator (multi-building)	TBD	Scoping Study underway
Manufacturing Facility	Power Quality (flywheel)	\$11,000,000 (CIAC TBD)	Scoping Study presented
Commercial Business Campus	Complex Microgrid (eight locations)	TBD	Scoping Study underway
Manufacturing Facility	Basic Microgrid (solar plus storage)	TBD	Scoping Study underway
Local Government	Basic microgrid (solar plus storage)	TBD	Pending payment, kickoff

Note: All data for projects is from the date of program approval on July 26, 2021 through July 25, 2022. No projects have been placed in service as of July 25, 2022 therefore all data shown above are for projects in the scoping study phase.